

FIG. 1

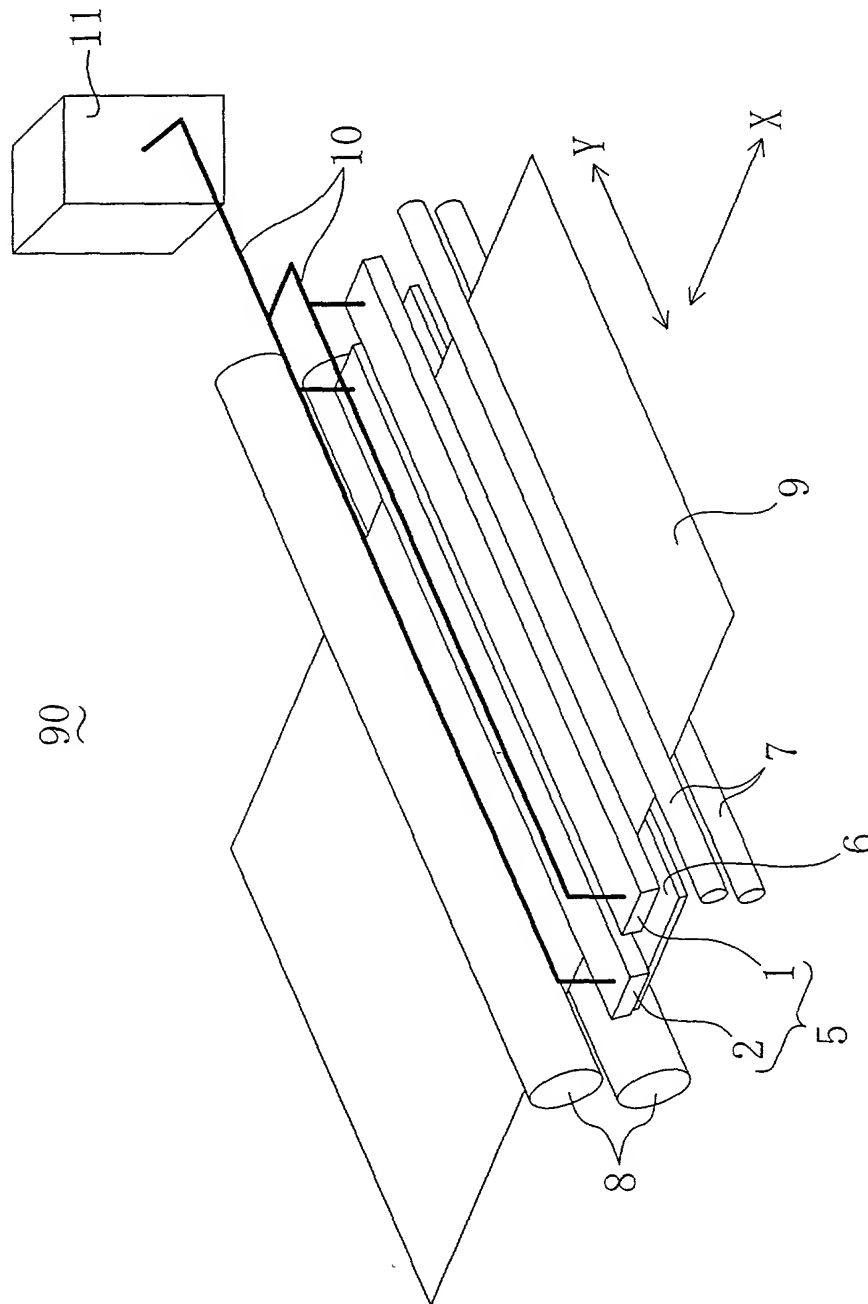


FIG. 2

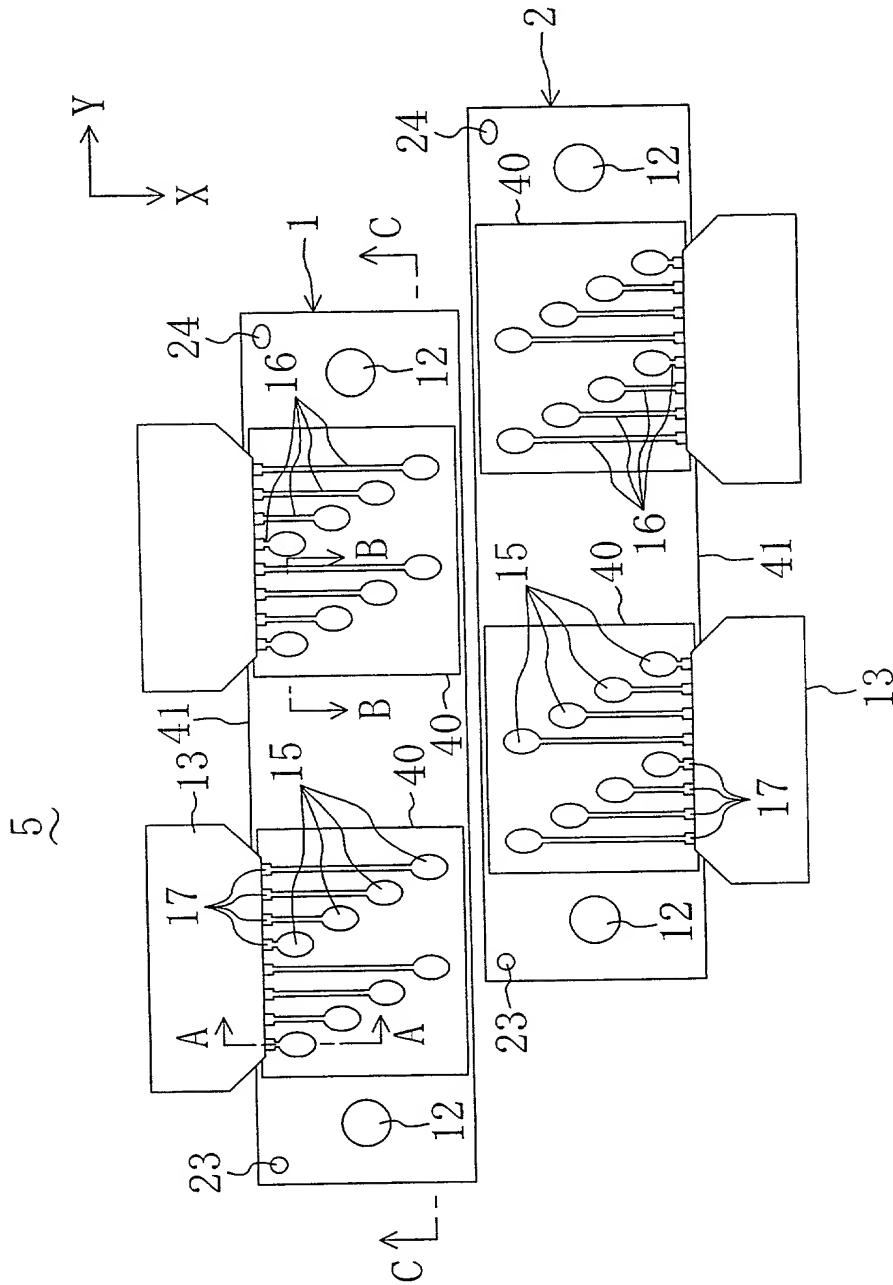


FIG. 3

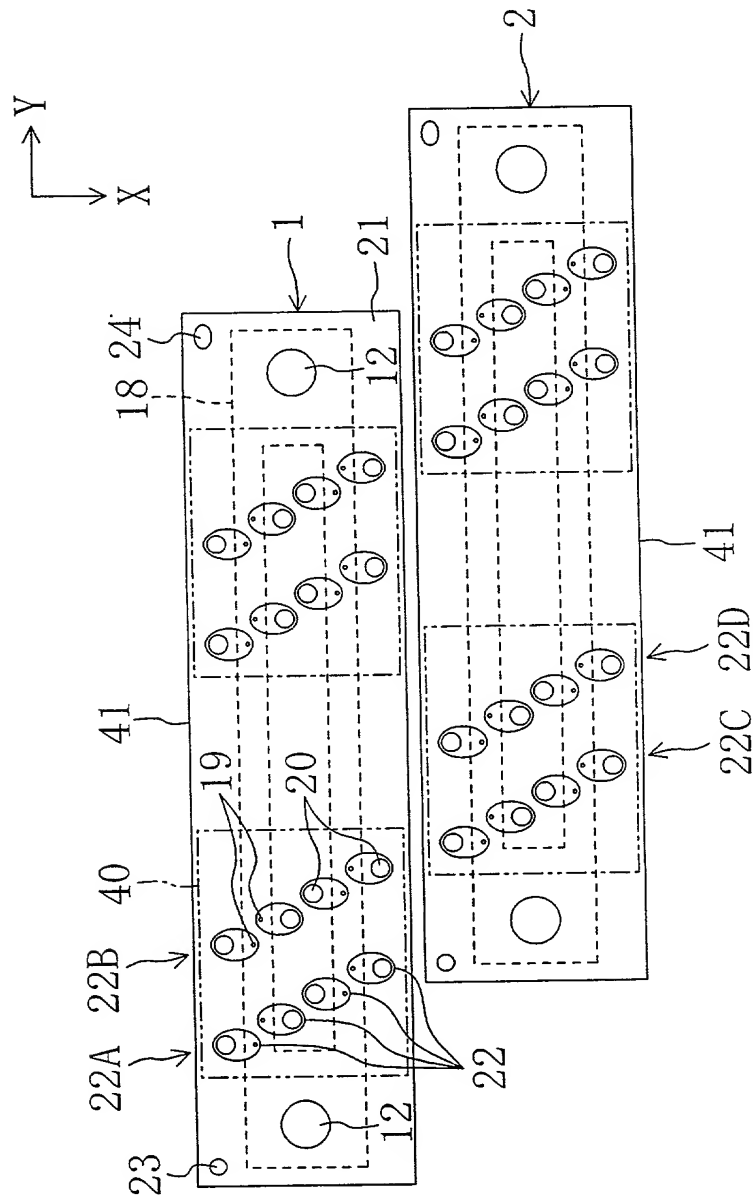


FIG. 4

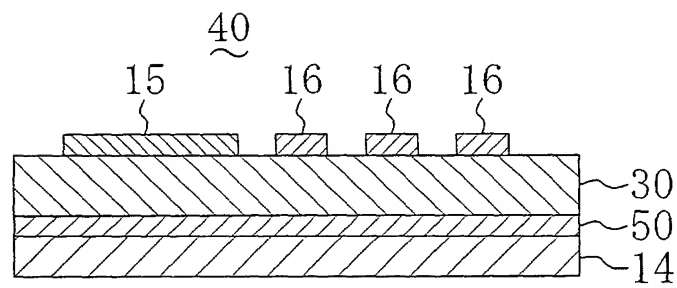


FIG. 5

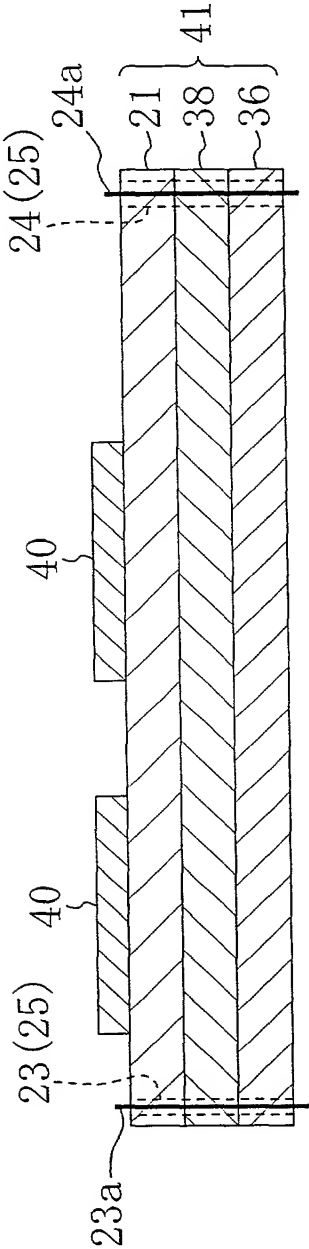


FIG. 6

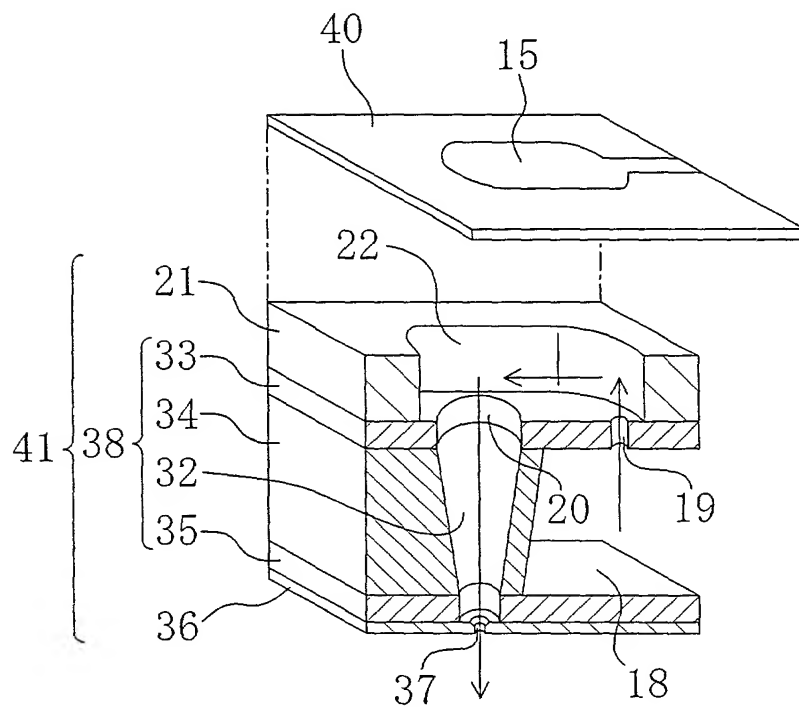


FIG. 7A

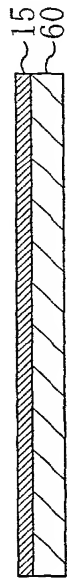


FIG. 7B

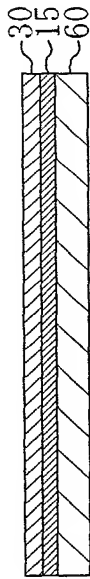


FIG. 7C

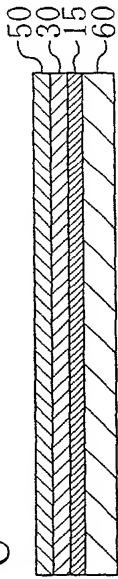


FIG. 7D

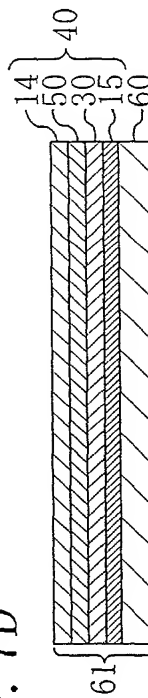


FIG. 7E

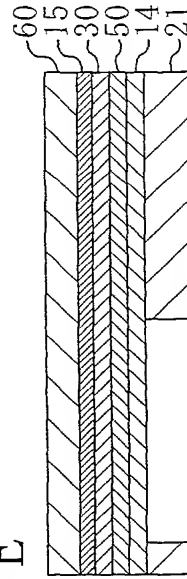


FIG. 7F

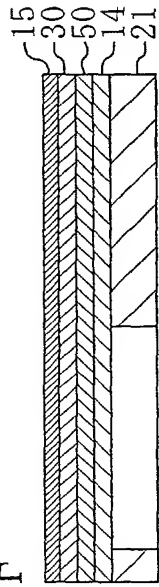


FIG. 7G

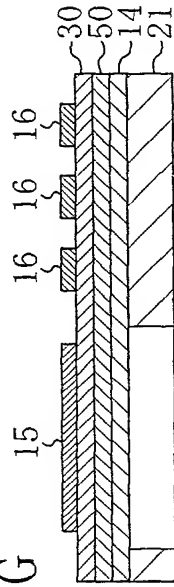


FIG. 7H

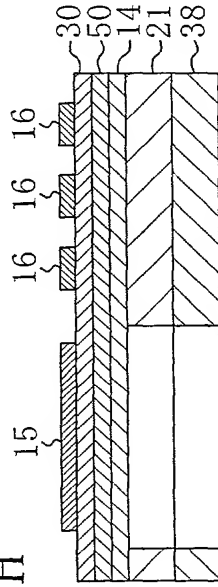


FIG. 7I

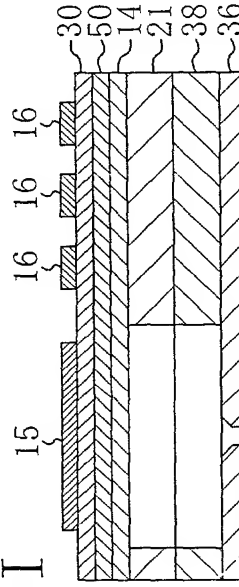


FIG. 8

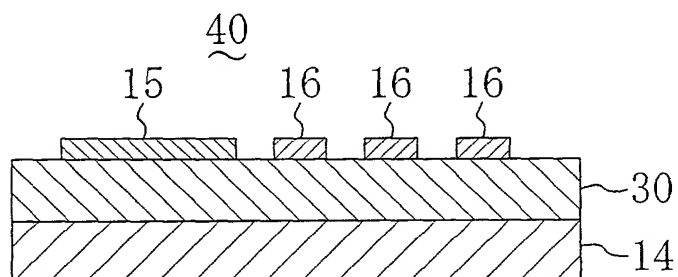


FIG. 9

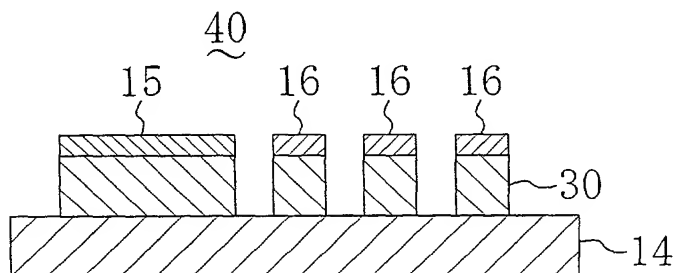


FIG. 10

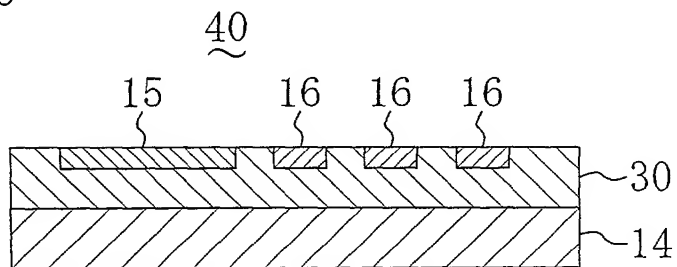


FIG. 11

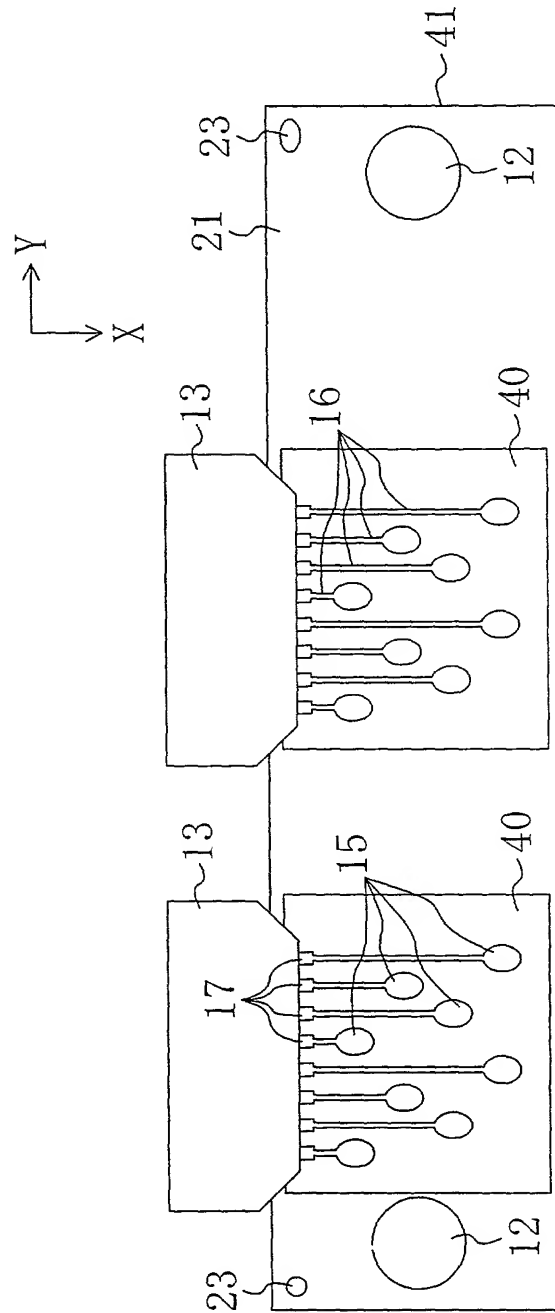


FIG. 12

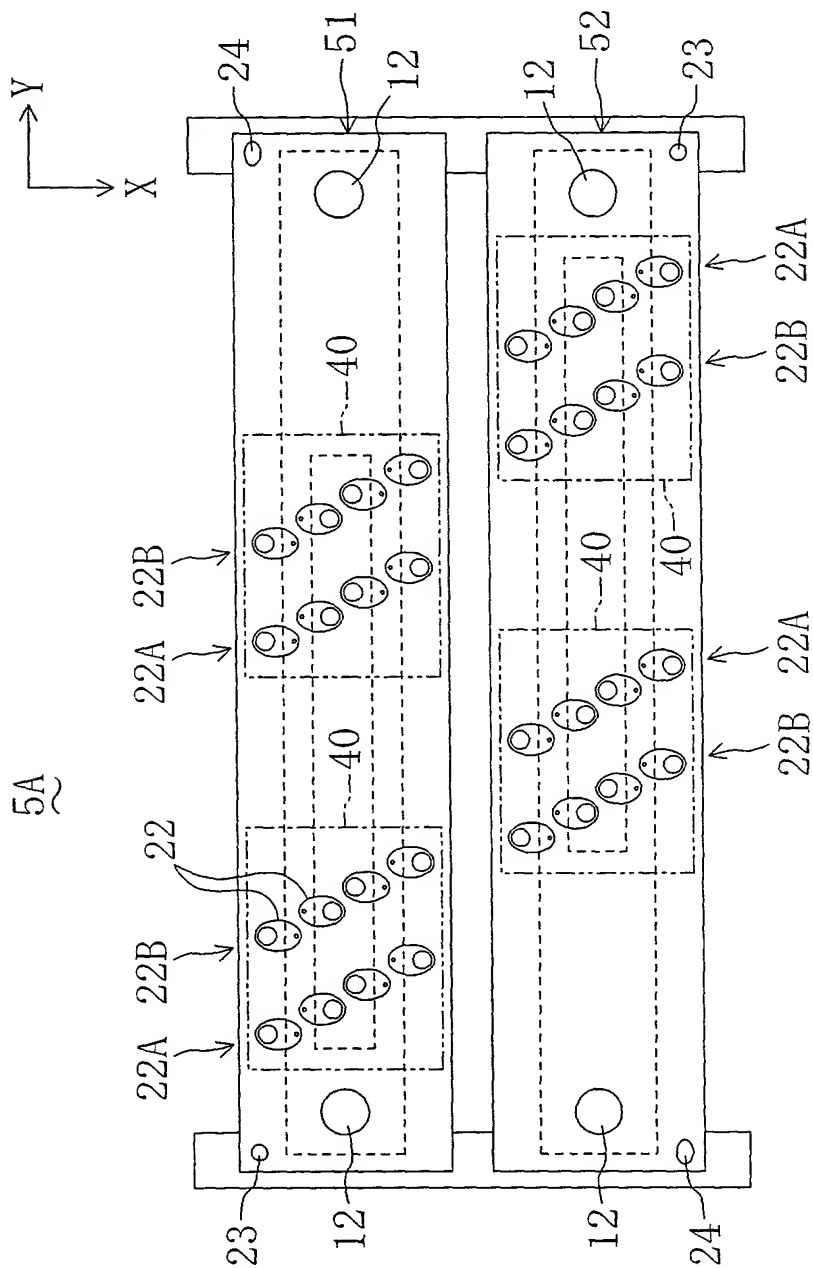


FIG. 13

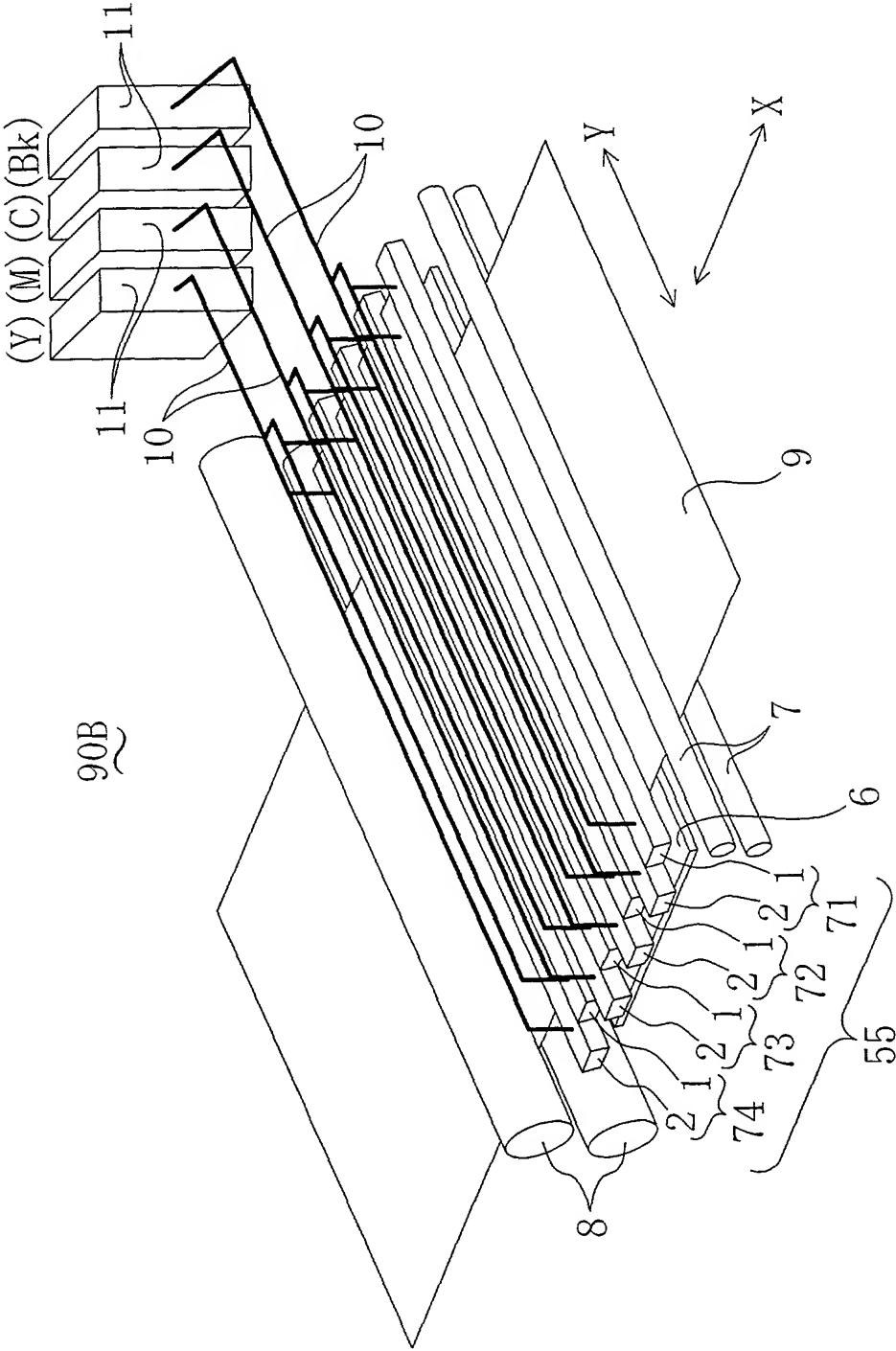


FIG. 14

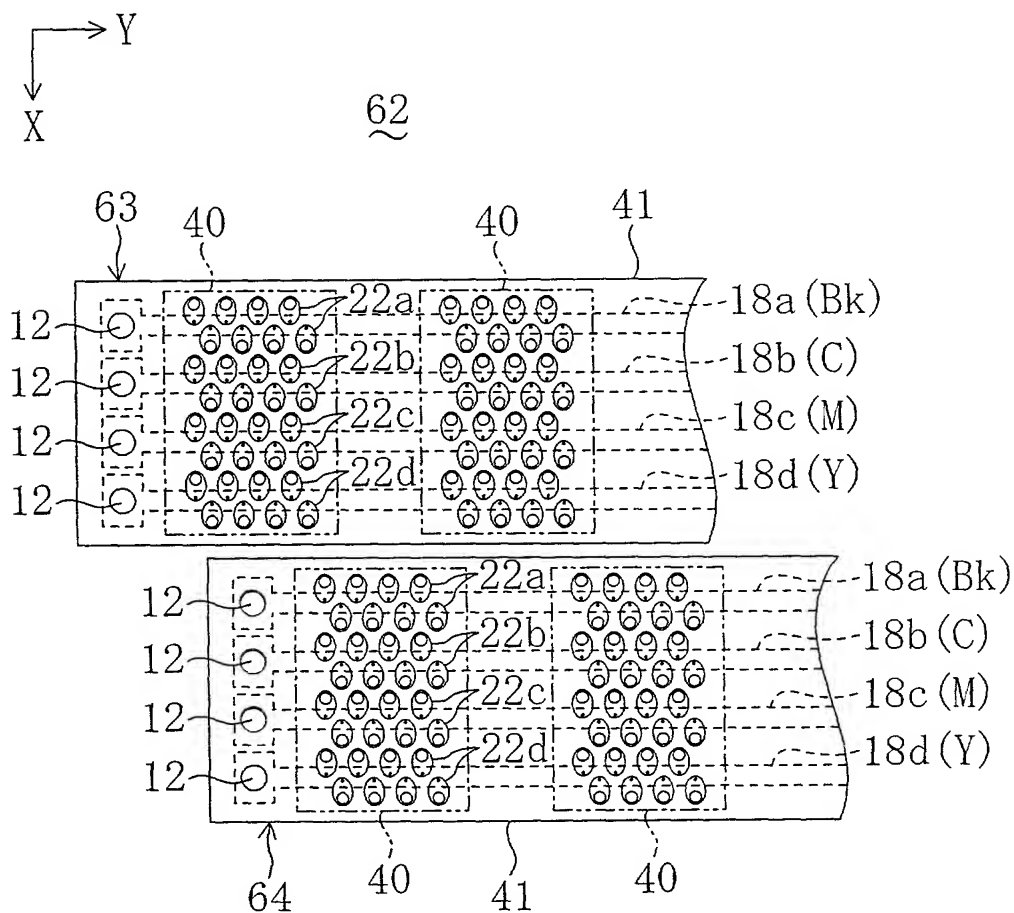


FIG. 15

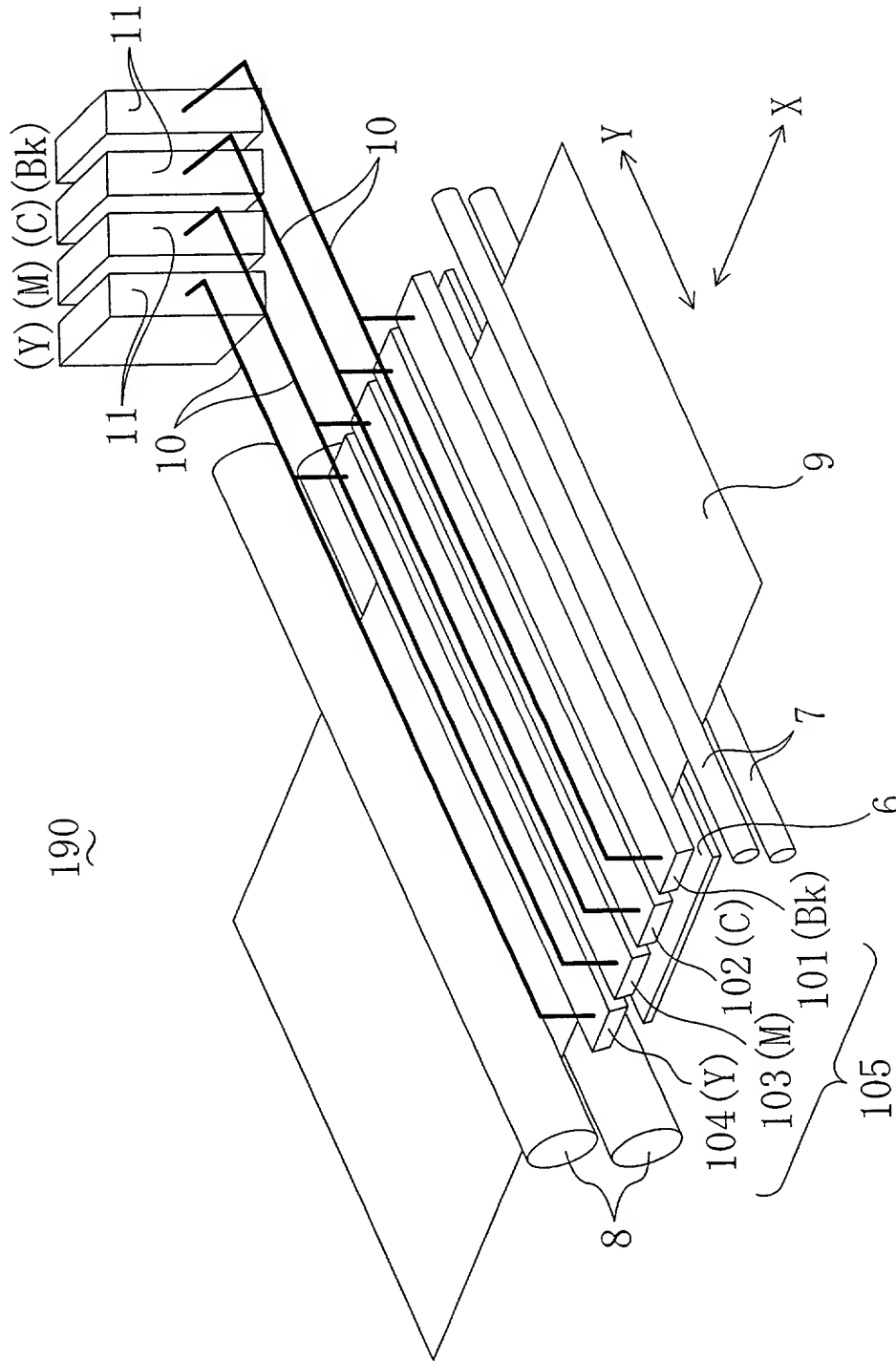


FIG. 16

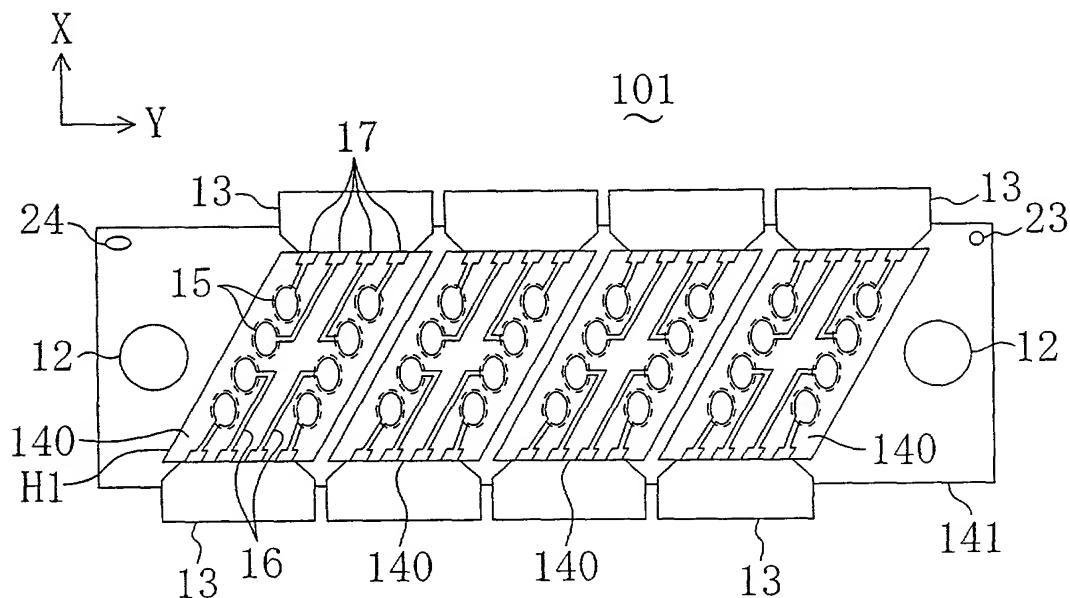
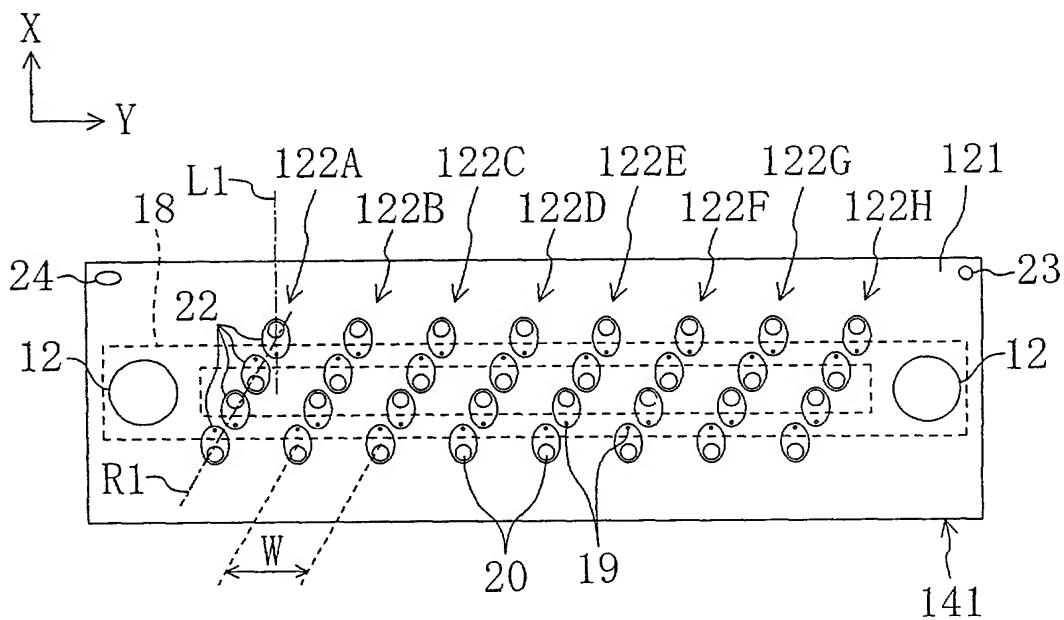


FIG. 17



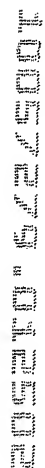


FIG. 19

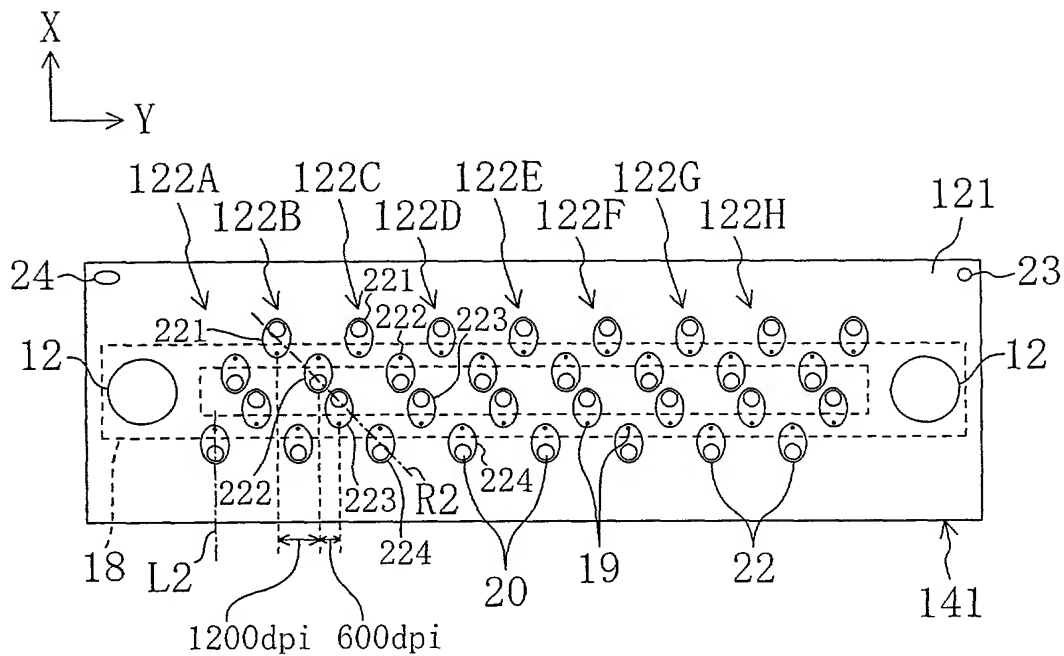


FIG. 20

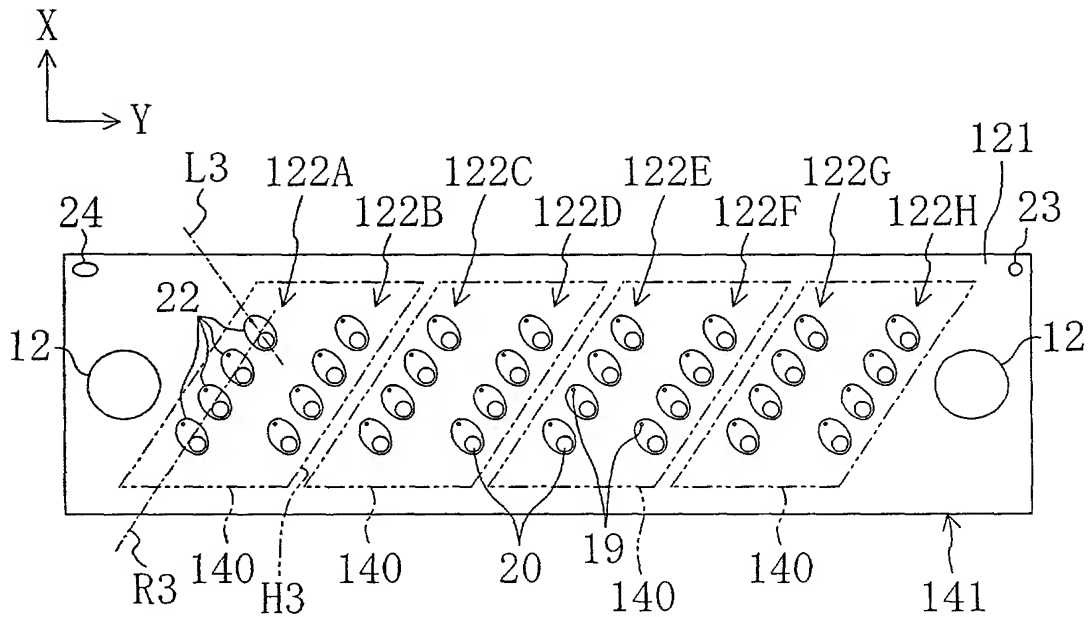
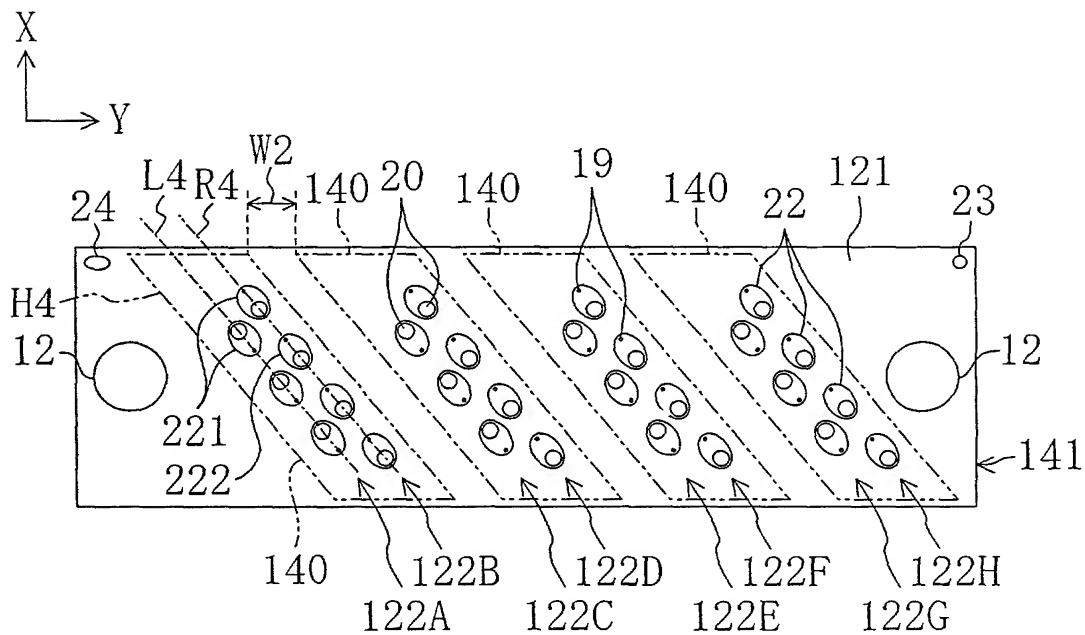
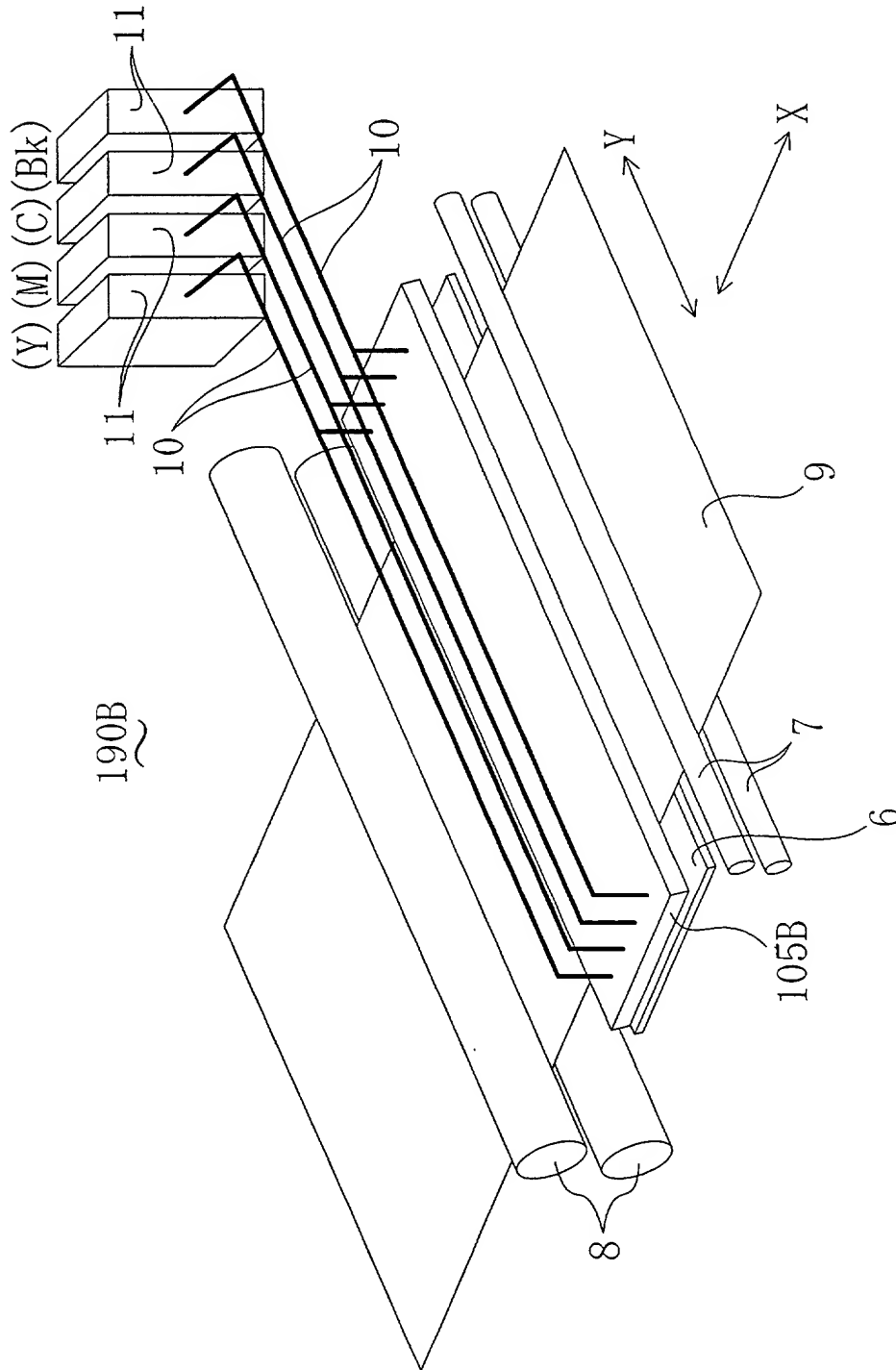
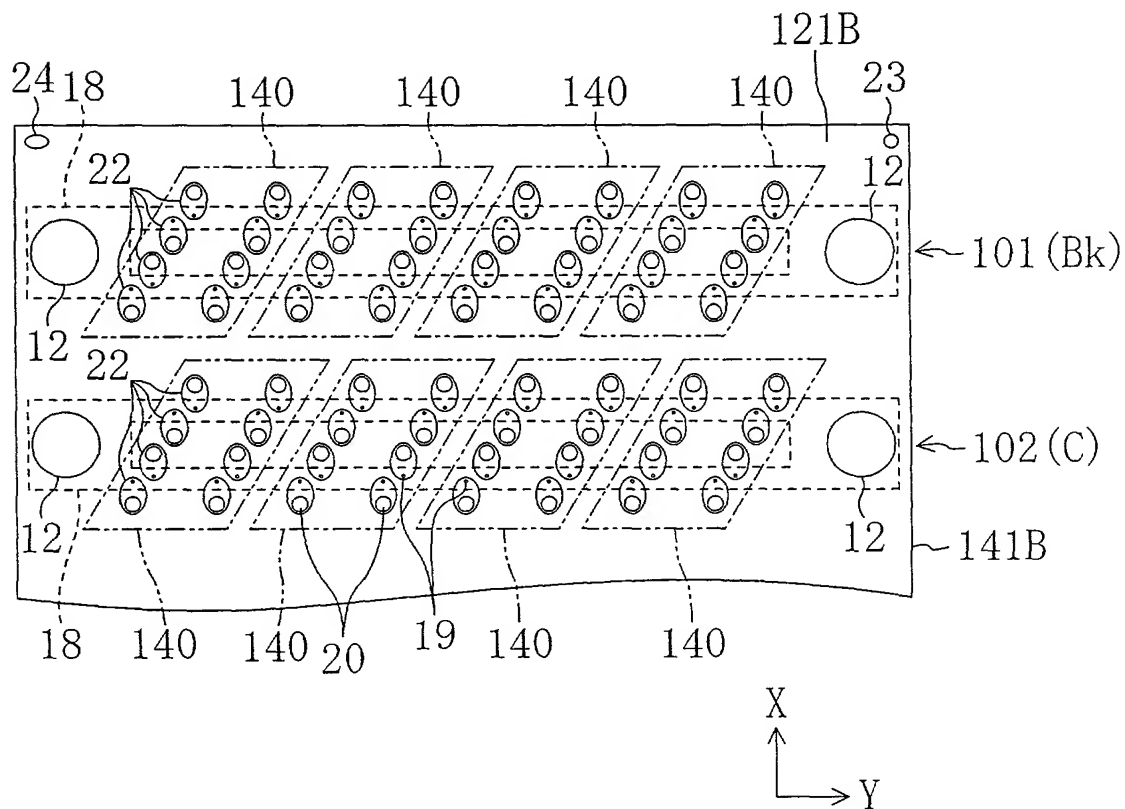
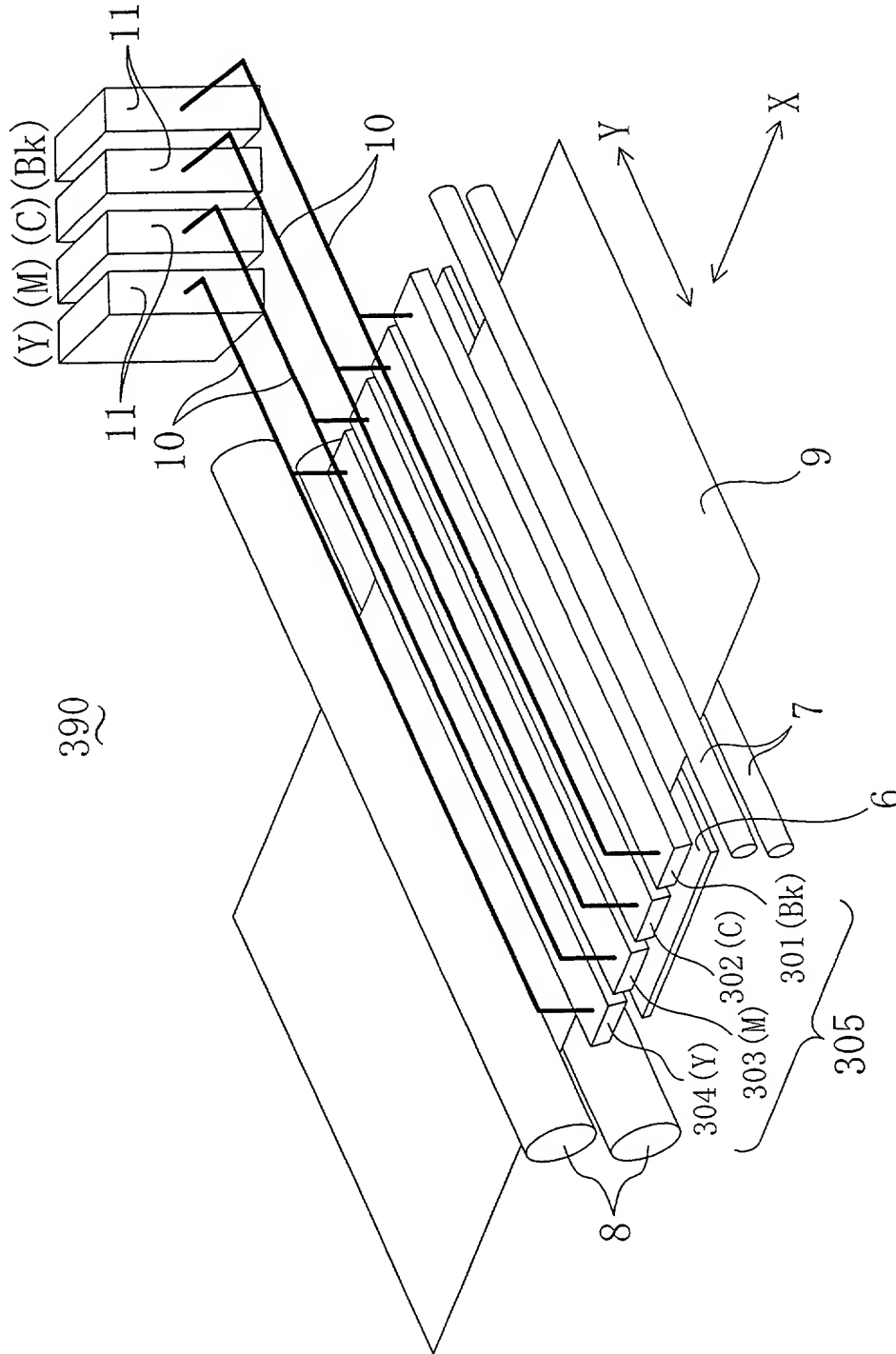


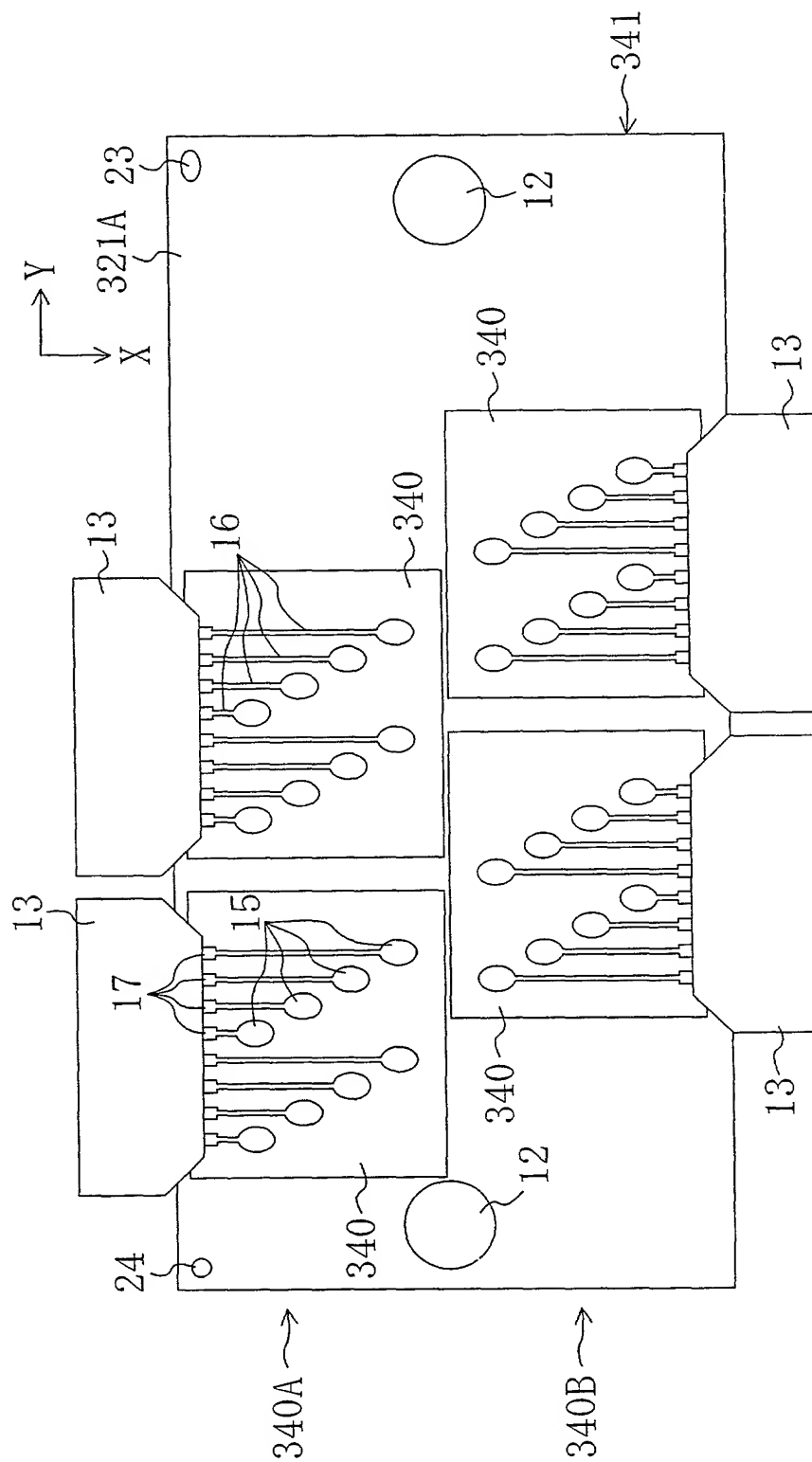
FIG. 21











2023 in Brief

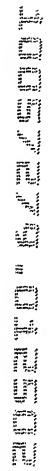


FIG. 27

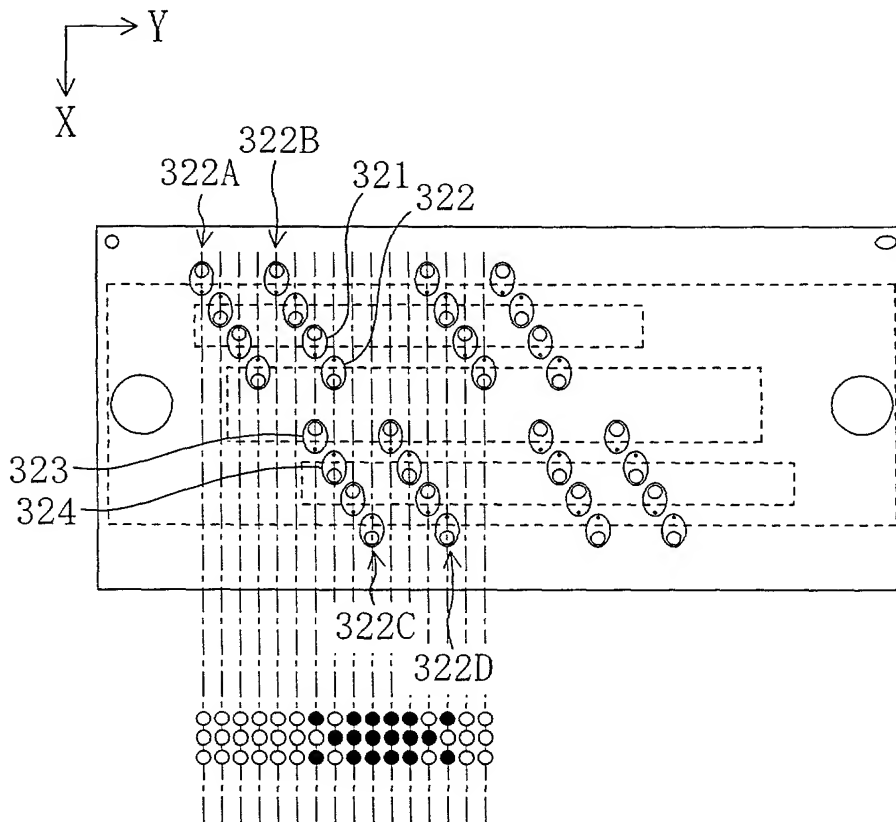
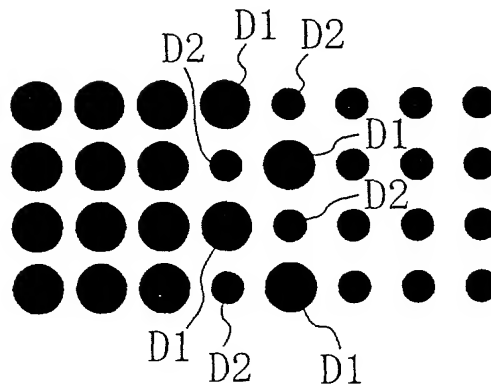


FIG. 28



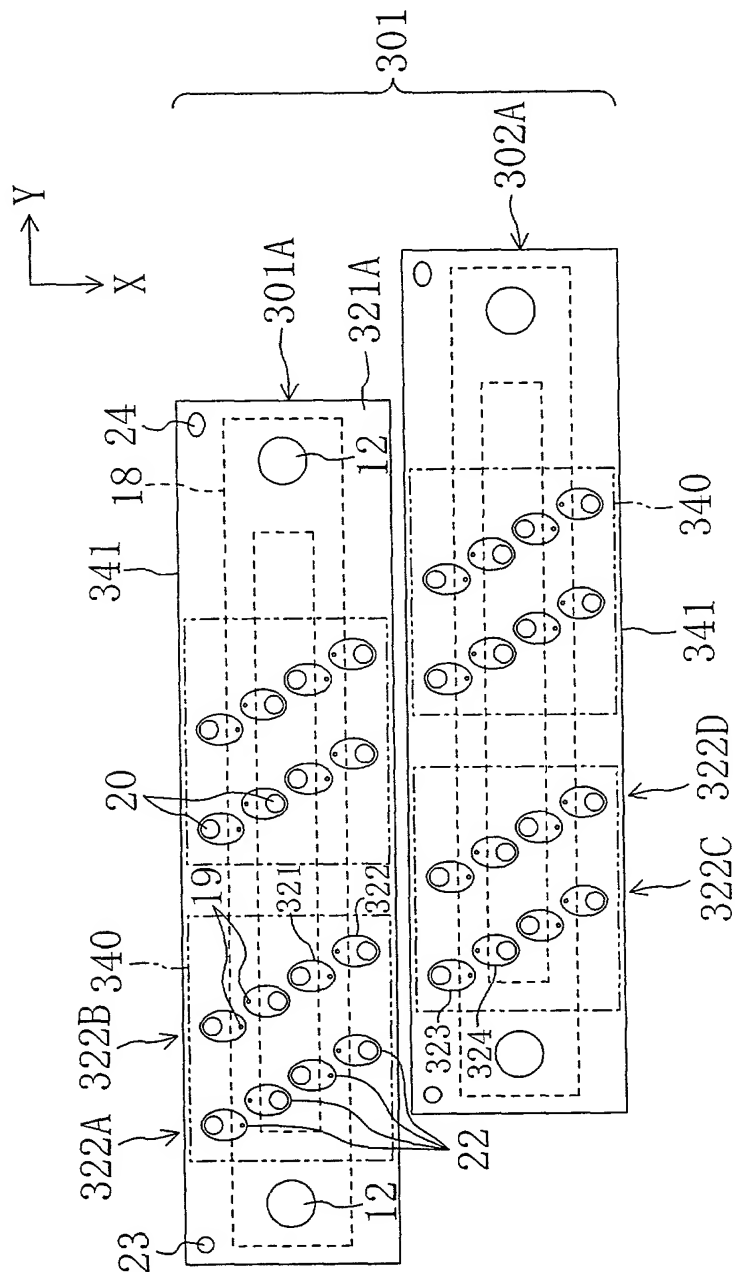


FIG. 30

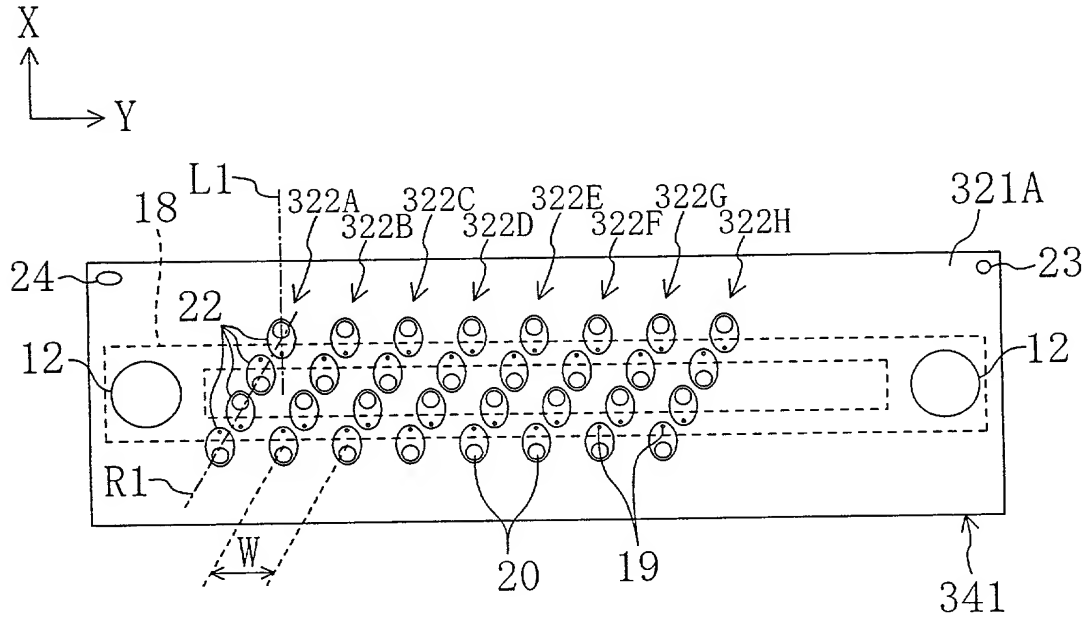


FIG. 31

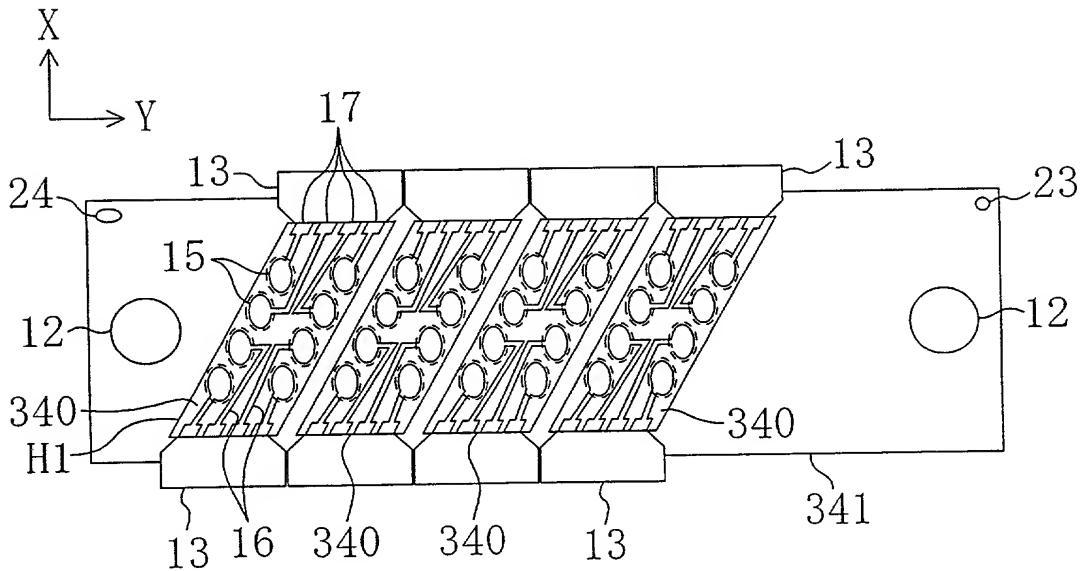


FIG. 32

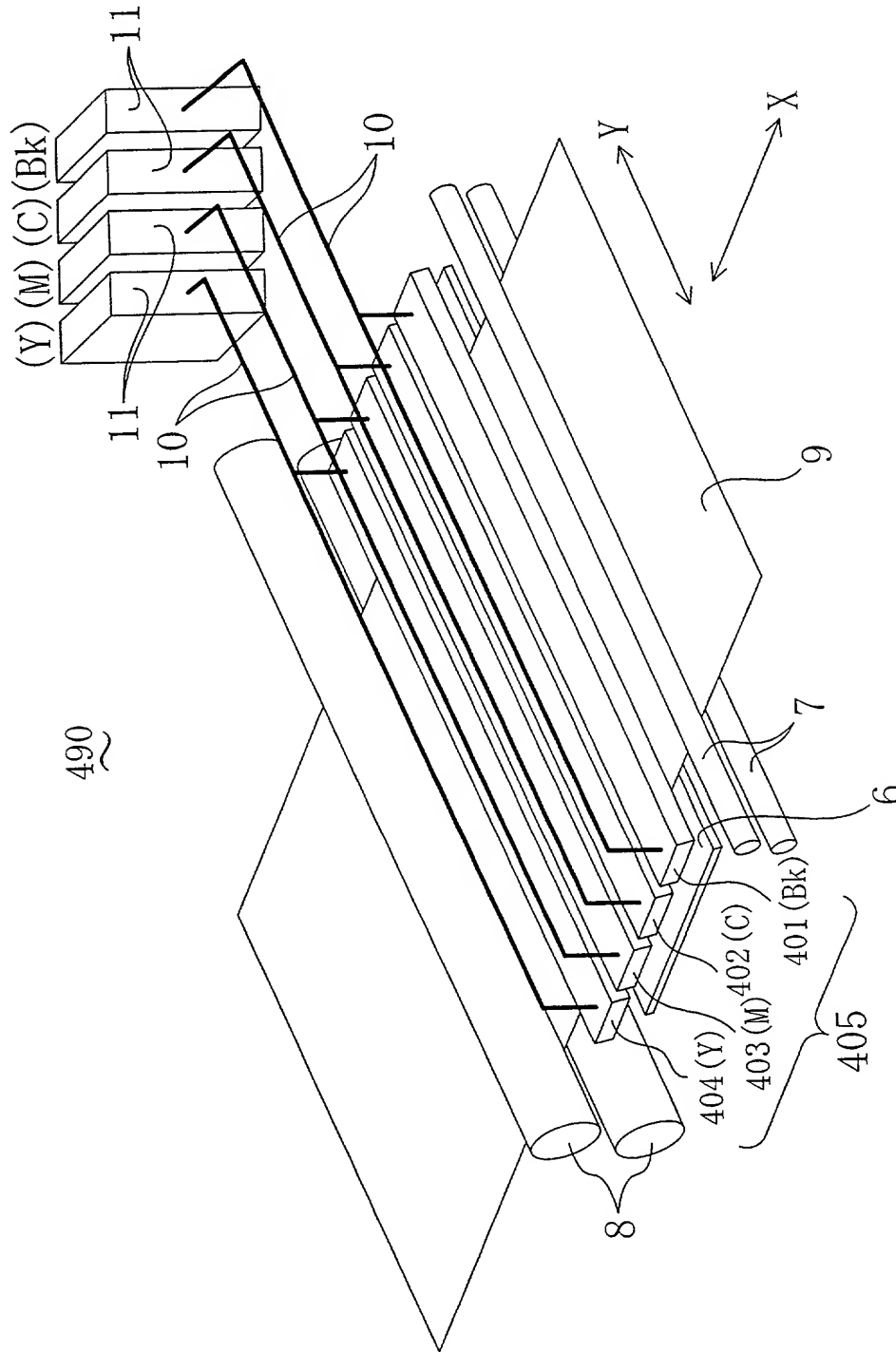


FIG. 33

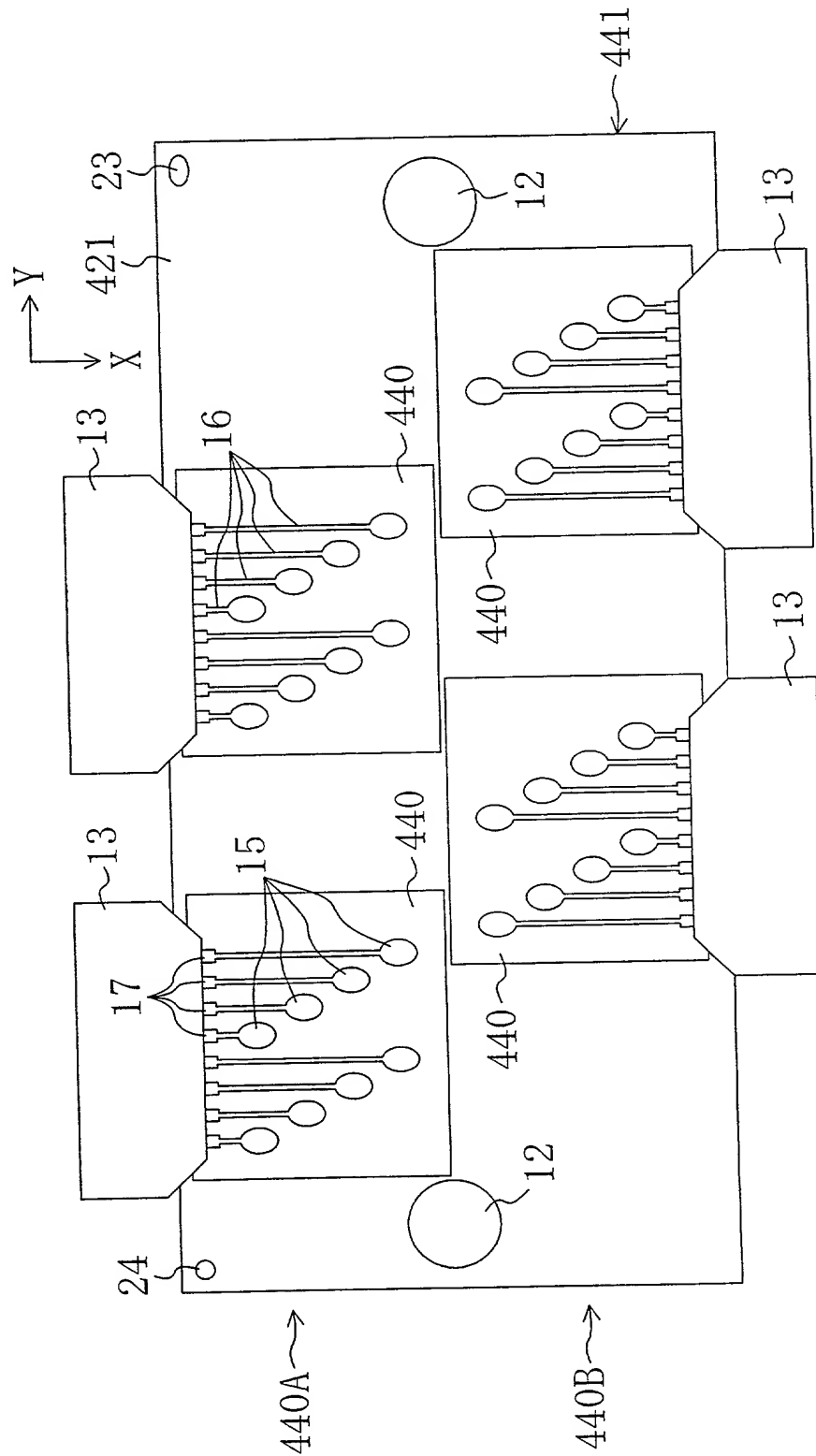


FIG. 34

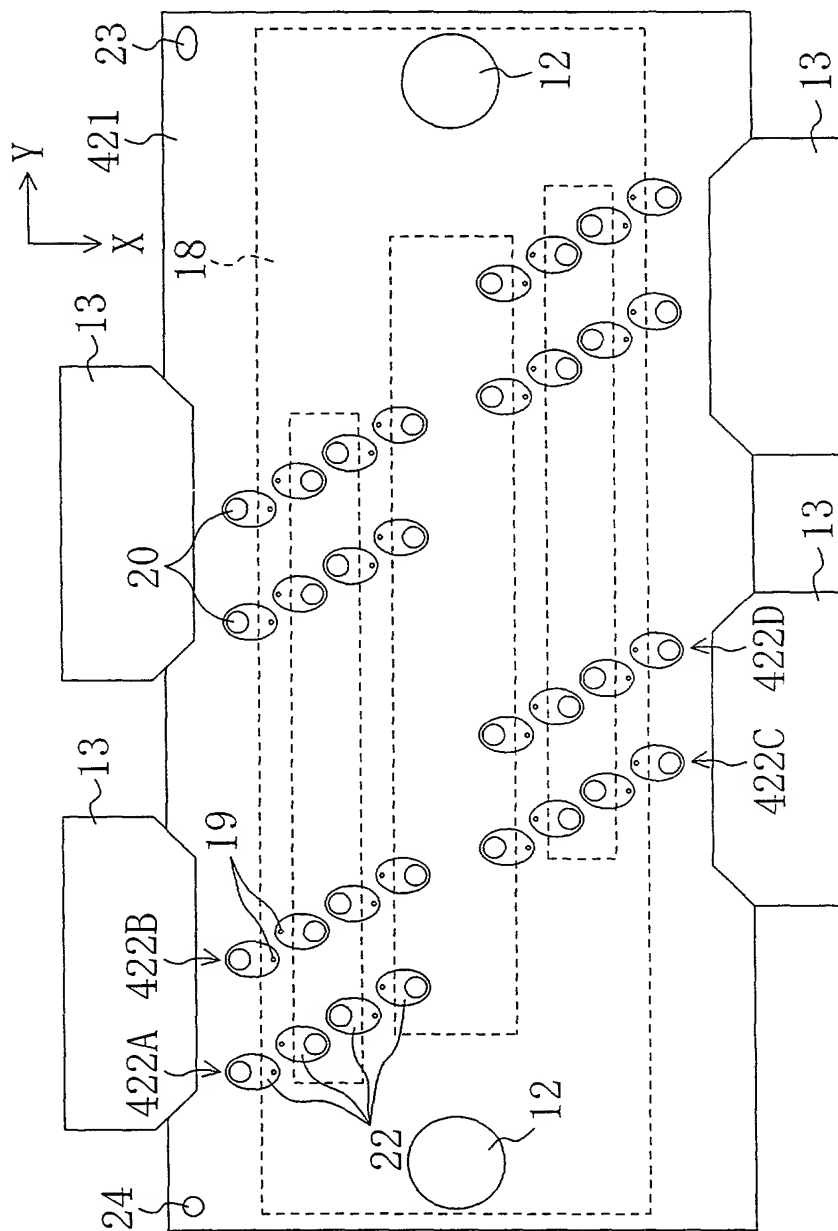


FIG. 35A

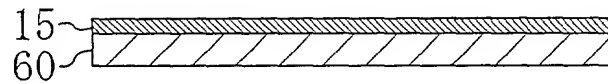


FIG. 35B

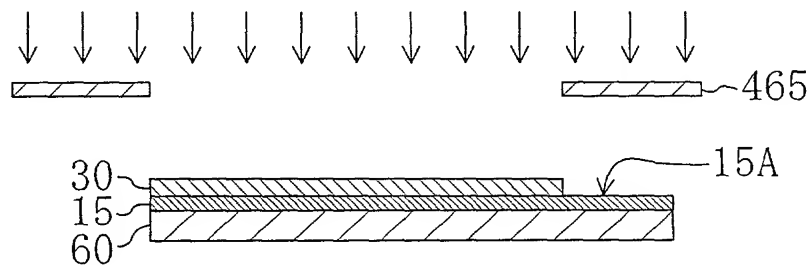


FIG. 35C

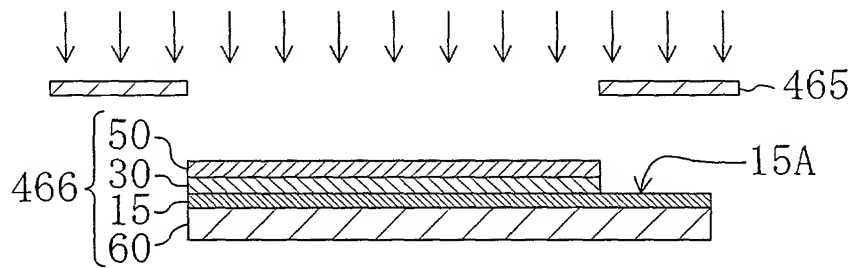


FIG. 36A

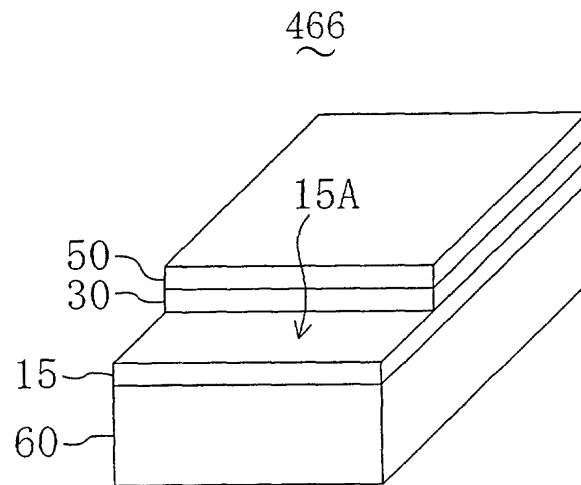


FIG. 36B

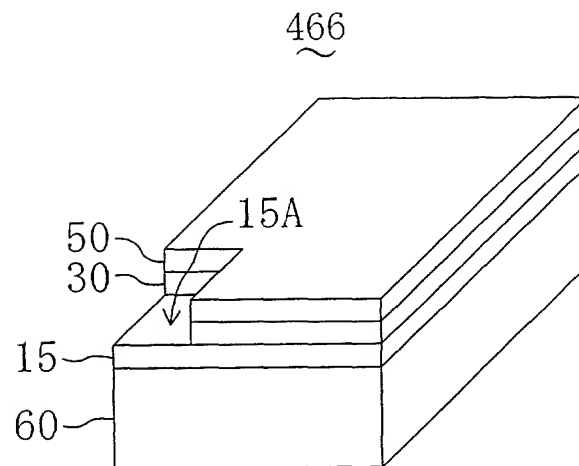
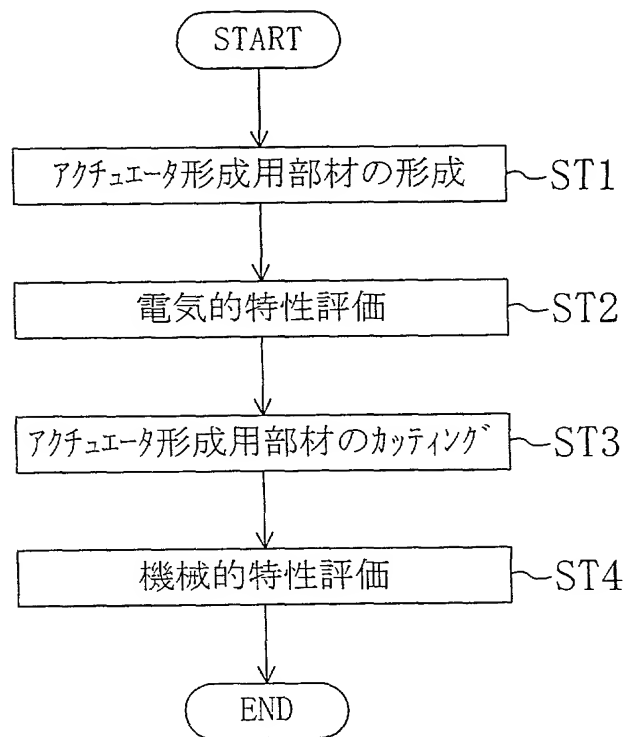
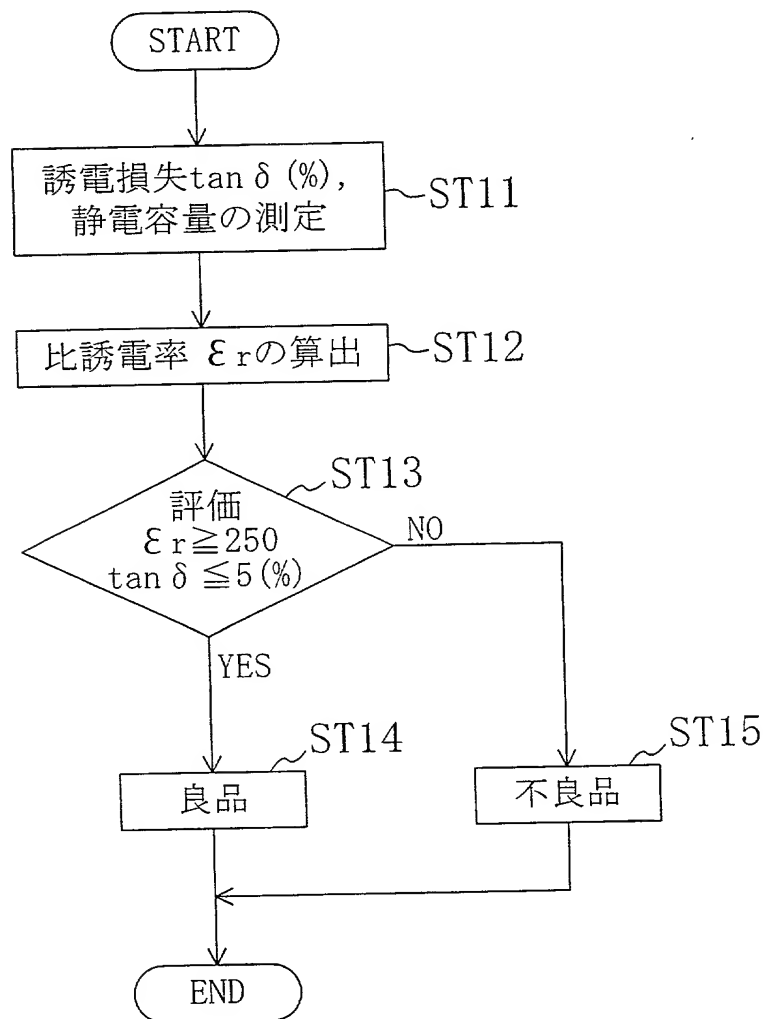


FIG. 37



20050727.012502

FIG. 38



20057279.013502

FIG. 39

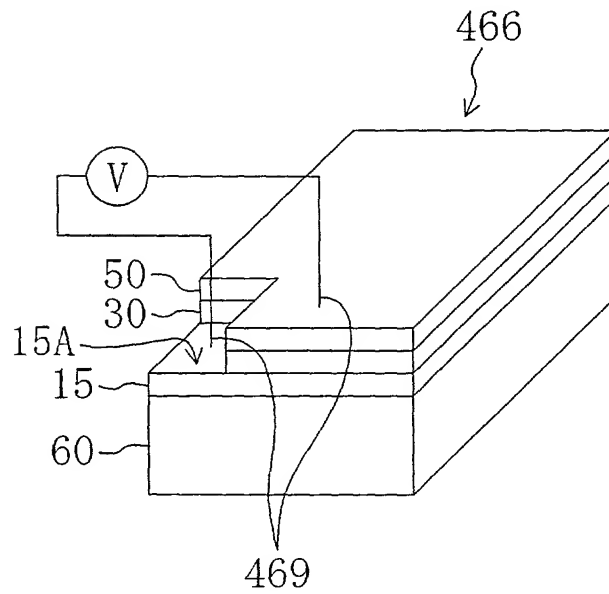


FIG. 40

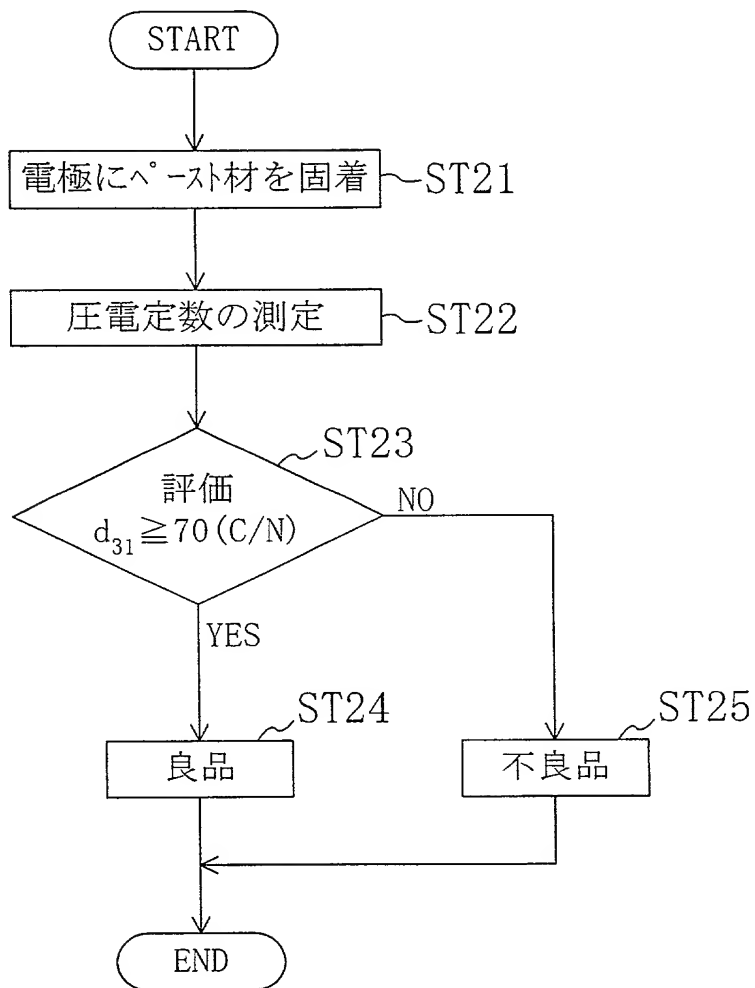


FIG. 41

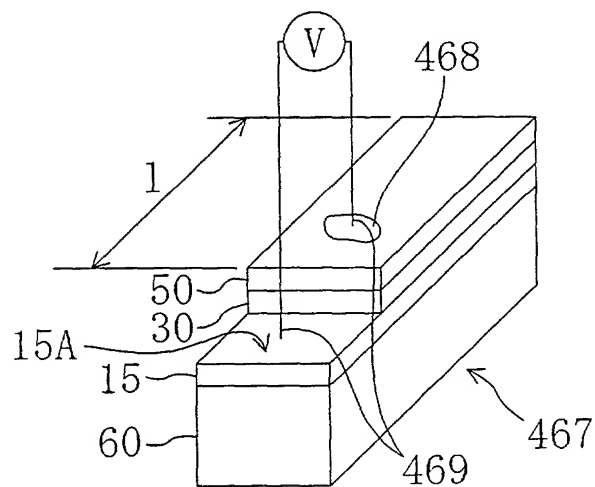


FIG. 42A

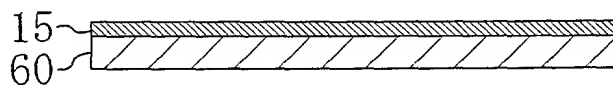


FIG. 42B

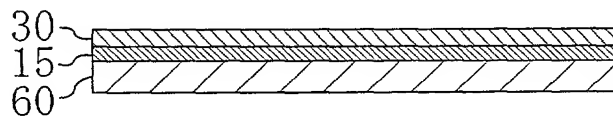


FIG. 42C

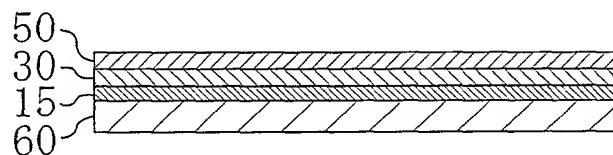


FIG. 42D

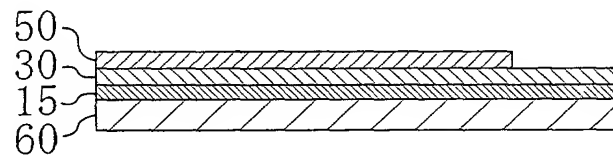


FIG. 42E

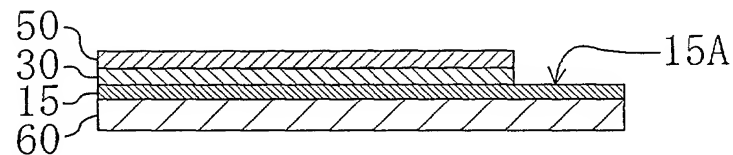


FIG. 43A

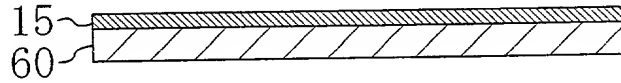


FIG. 43B

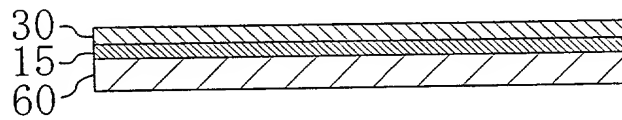


FIG. 43C

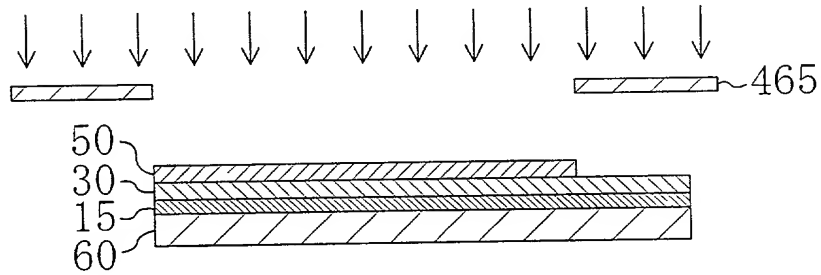


FIG. 43D

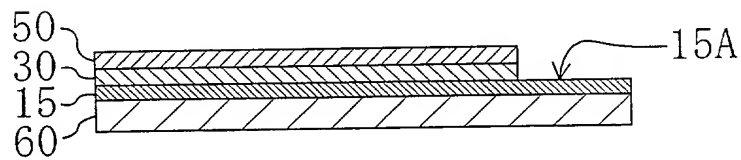


FIG. 44

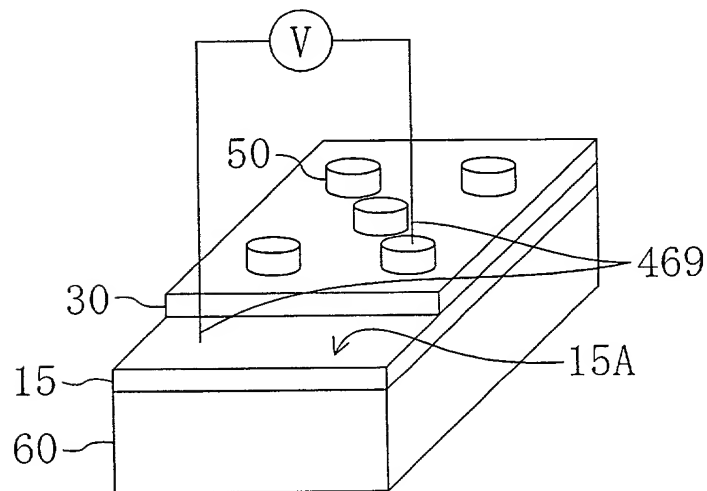
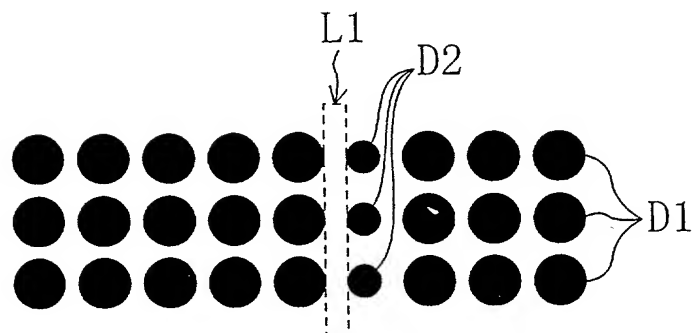


FIG. 45
Prior Art



United States Patent & Trademark Office
Office of Initial Patent Examination

Application papers not suitable for publication

SN 10,057,279

Mail Date 01-25-02

☒ Non-English Specification

☐ Specification contains drawing(s) on page(s) _____ or table(s) _____

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☐ Handwritten ☐ Specification ☐ Claims ☐ Abstract

☐ More than one column ☐ Specification ☐ Claims ☐ Abstract

☐ Improper line spacing ☐ Specification ☐ Claims ☐ Abstract

☐ Claims not on separate page(s)

☐ Abstract not on separate page(s)

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☐ Drawing objection(s)

☐ Missing lead lines, drawing(s) _____

☐ Line quality is too light, drawing(s) _____

☐ More than 1 drawing and not numbered correctly

☐ Non-English text, drawing(s) _____

☐ Excessive text, drawing(s) _____

☐ Photographs capable of illustration, drawing(s) _____

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